

1/12

11050 U.S. PTO
 10/005842
 12/07/01

10 30 50
 CACGCGTCCGCGGGCGCGGCCGGAGAACCCCGCAATCTTTGCGCCCACAAAATACACCGA
 70 90 110
 CGATGCCCCGATCTACTTTAAGGGCTGAAACCCACGGGCCTGAGAGACTATAAGAGCGTTC
 130 150 170
 CCTACCGCCATGGAACAACGGGGACAGAACGCCCCGGCCGCTTCGGGGGCCCCGAAAAGG
M E O R G O N A P A A S G A R K R
 190 210 230
 CACGGCCCAGGACCCAGGGAGGCGCGGGGAGCCAGGCCTGGGCCCCGGGTCCCCAAGACC
H G P G P R E A R G A R P G P R V P K T
 250 270 290
 CTTGTGCTCGTTGTGCGCCGCGGTCTGCTGTTGGTCTCAGCTGAGTCTGCTCTGATCACC
L V L V V A A V L L L V S A E S A L I T
 310 330 350
 CAACAAGACCTAGCTCCCCAGCAGAGAGCGGCCCCACAACAAAAGAGGTCCAGCCCCCTCA
 Q Q D L A P Q Q R A A P Q Q K R S S P S
 370 390 410
 GAGGGATTGTGTCCACCTGGACACCATATCTCAGAAGACGGTAGAGATTGCATCTCCTGC
 E G L C P P G H H I S E D G R D C I S C
 430 450 470
 AAATATGGACAGGACTATAGCACTCACTGGAATGACCTCCTTTTCTGCTTGCGCTGCACC
 K Y G Q D Y S T H W N D L L F C L R C T
 490 510 530
 AGGTGTGATTTCAGGTGAAGTGGAGCTAAGTCCCTGCACCACGACCAGAAACACAGTGTGT
 R C D S G E V E L S P C T T T R N T V C
 550 570 590
 CAGTGCGAAGAAGGCACCTTCCGGGAAGAAGATTCTCCTGAGATGTGCCGGAAGTGCCGC
 Q C E E G T F R E E D S P E M C R K C R
 610 630 650
 ACAGGGTGTCCCAGAGGGATGGTCAAGGTCGGTGATTGTACACCCTGGAGTGACATCGAA
 T G C P R G M V K V G D C T P W S D I E
 670 690 710
 TGTGTCCACAAAGAATCAGGCATCATCATAGGAGTCACAGTTGCAGCCGTAGTCTTGATT
C V H K E S G I I I G V T V A A V V L I
 730 750 770
 GTGGCTGTGTTTGTGTTGCAAGTCTTTACTGTGGAAGAAAGTCCTTCCTTACCTGAAAGGC
V A V F V C K S L L W K K V L P Y L K G
 790 810 830
 ATCTGCTCAGGTGGTGGTGGGGACCCTGAGCGTGTGGACAGAAGCTCACAACGACCTGGG
 I C S G G G G D P E R V D R S S Q R P G

FIG.1A

FOI 2485007

2/12

850 870 890
GCTGAGGACAATGTCCTCAATGAGATCGTGAGTATCTTGCAGCCCACCCAGGTCCCTGAG
A E D N V L N E I V S I L Q P T Q V P E
910 930 950
CAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATGTTGTCCCCCGGG
Q E M E V Q E P A E P T G V N M L S P G
970 990 1010
GAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGGAGGAGGCTGCTG
E S E H L L E P A E A E R S Q R R R L L
1030 1050 1070
GTTCCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTCGATGACTTTGCA
V P A N E G D P T E T L R Q C F D D F A
1090 1110 1130
GACTTGGTGCCCTTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGGCCTCATGGACAAT
D L V P F D S W E P L M R K L G L M D N
1150 1170 1190
GAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTGTACACGATGCTG
E I K V A K A E A A G H R D T L Y T M L
1210 1230 1250
ATAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCTGCTGGATGCCTTG
I K W V N K T G R D A S V H T L L D A L
1270 1290 1310
GAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTGTTGAGCTCTGGA
E T L G E R L A K Q K I E D H L L S S G
1330 1350 1370
AAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCCTAAGTGTGATTCTCTTCA
K F M Y L E G N A D S A M S *
1390 1410 1430
GGAAGTGAGACCTTCCCTGGTTTACCTTTTTTCTGGAAAAAGCCCAACTGGACTCCAGTC
1450 1470 1490
AGTAGGAAAGTGCCACAATTGTCACATGACCGGTACTGGAAGAACTCTCCCATCCAACA
1510 1530 1550
TCACCCAGTGGATGGAACATCCTGTAACCTTTTCACTGCACTTGGCATTATTTTATAAGC
1570 1590
TGAATGTGATAATAAGGACACTATGGAAAAAAAAAAAAA

FIG. 1B

3/12

FIG. 2A

149	- - - - -	C E H G I	I - - - K E C	- - - - -	L T S N T	K C K E	- - - h Fas protein
161	K Q N T	V C T C H A G F F L R E N E C V S C S N C K K S L E C T K L C L P Q	E I E	- - - h TNFR I Protein			
158	R D T D C G T C L P G F Y E H G D G C V S C P T S T L G - S C P E R C A A V C G	D R 3 protein					
163	G M V K V G D C T P - - W S D I E C V - - - H K E S G I I G	HLYBX88XXprotein					
168	- - - - -	E G S R S N L G W - - - L C L L - L L P I P L I V - - - W	h Fas protein				
201	N V K G T E D S G T T V L L P L V I F F G L C L L S L L F I G L L M Y R Y Q R - W	h TNFR I Protein					
197	W R Q - - - - V T V A A V V L I V A V F - - V C K S L L W K K V L P Y L K G I C S	D R 3 protein HLYBX88XXprotein					
189	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	
190	V K R K E V Q K T C R K H R K E N Q G S H E S - - - - -	h Fas protein					
240	- K S K L Y S I V C G K S T P P E K E G E L E G T T K P L A P N P S F S P T P G	h TNFR I Protein					
229	- P H K P L - V T A D E A G M E A L T P P A T H L S P L D S A H T L L A P P D	D R 3 protein					
221	- - - - -	G G G G D P E R V D R S S Q R P G A E D N V L N E I V S I L Q P T Q	HLYBX88XXprotein				
213	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	
279	F T P T L G F S P V P S S T F T S S S T Y T P G D - C P N F A A P R R E V A P P	h TNFR I Protein					
267	S S E K I C T V Q L V G N S W T P G Y P E T Q E A L C P Q V T W S W D Q L - - P	D R 3 protein					
255	V P E E Q E M E V Q E P A E - - - P T G V N M L S P G - - - E S E H L - -	HLYBX88XXprotein					
213	- - - - -	P T L N P E T V A I N L - - - S D V D L S K Y I T T I A G V M	h Fas protein				
318	Y Q G A D P I L A T A L A S D P I P N P L Q K W E D S A H K P Q S L D T D D P A	h TNFR I Protein					
305	S R A L G P A A P T L S P - - - E S P A G S P A M M L Q P G P Q	D R 3 protein					
283	- - - - -	- - - - -	- - - - -	T E T L R Q	HLYBX88XXprotein		

4/12

FIG. 2B

Decoration 'Decoration #1': Shade (with solid black) residues that match the Consensus exact

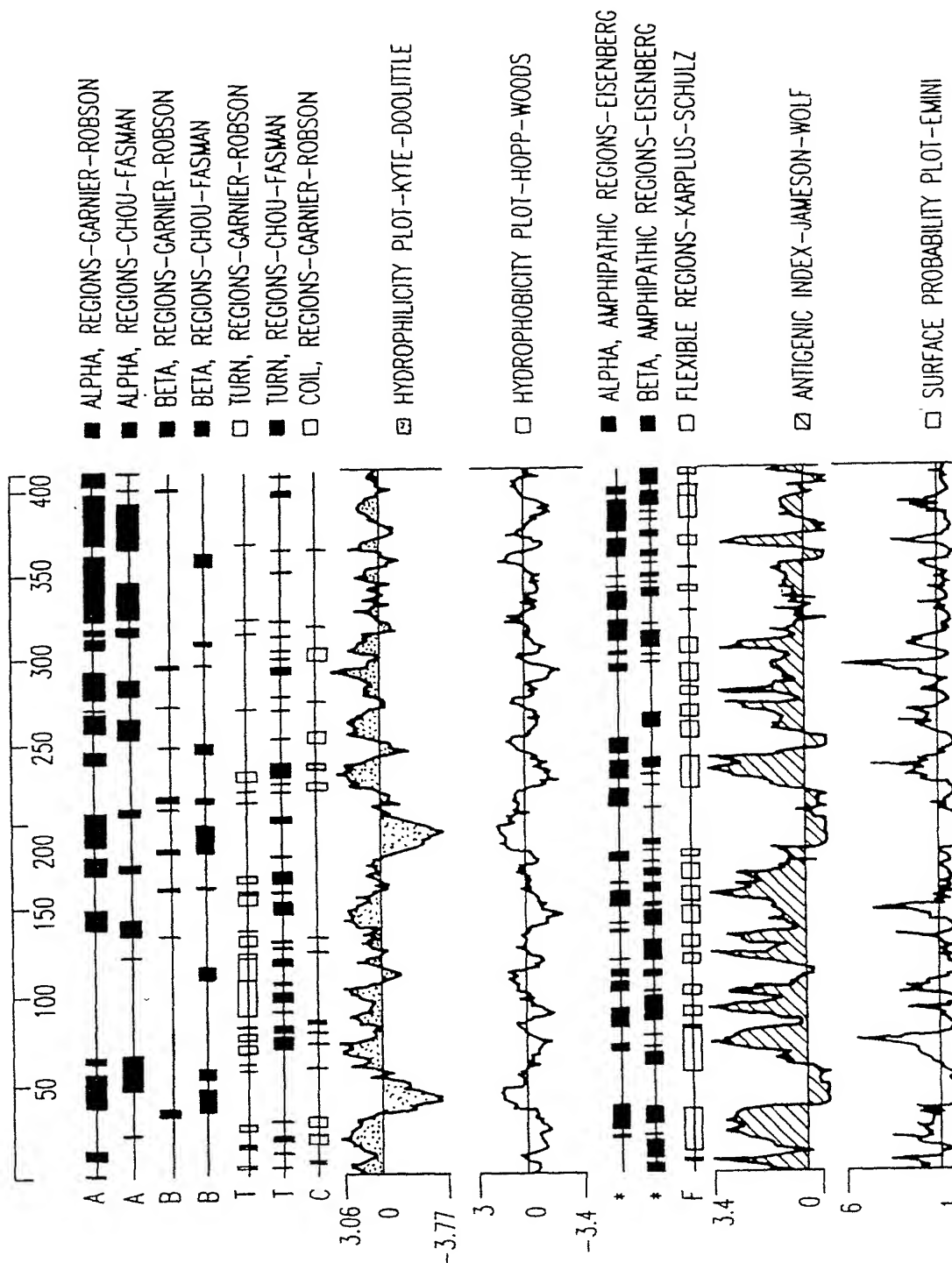
5/12

FIG. 2C

Appl. No. To be assigned; Group Art Unit: To be assigned
(Divisional of Appl. No. 09/042, 583; Filed: March 17, 1998)
Dkt. No. 1488.131000A/EKS/EJH;
Inventors: NI et al.; Tel: 202/371-2600
Title: Death Domain Containing Receptor 5

6/12

FIG. 3



7/12

HAPBU13R

1 AATTCGGCAC AGCTCTTCAG GAAGTCAGAC CTTCCCTGGT TTACCTTTTT
51 TCTGGAAAAA GCCCAACTGG GACTCCAGTC AGTAGGAAAG TGCCACAATT
101 GTCACATGAC CGGTACTGGA AGAAACTCTC CCATCCAACA TCACCCAGTG
151 GNATGGGAAC ACTGATGAAC TTTTCACTGC ACTTGGCATT ATTTTTGTNA
201 AGCTGAATGT GATAATAAGG GCACTGATGG AAATGTCTGG ATCATTCCGG
251 TTGTGCGTAC TTTGAGATTT GNGTTTGGGG ATGTNCATTG TGTTTGACAG
301 CACTTTTTTN ATCCCTAATG TNAAATGCNT NATTTGATTG TGANTTGGGG
351 GTNAACATTG GTNAAGGNTN CCCNTNTGAC ACAGTAGNTG GTNCCCGACT
401 TANAATNGNN GAANANGATG NATNANGAAC CTTTTTTTGG GTGGGGGGGT
451 NNCGGGGCAG TNNAANGNNG NCTCCCCAGG TTTGGNGTNG CAATNGNGGA
501 ANNNTGG

HSBBU76R

1 TTTTTTTTGT AGATGGATCT TACAATGTAG CCCAAATAAA TAAATAAAGC
51 ATTTACATTA GGATAAAAAA GTGCTGTGAA AACAATGACA TCCCAAACCA
101 AATCTCAAAG TACGCACAAA CGGAATGATC CAGACATTTC CATAGNGTCC
151 TTATTATCAC ATTCAGCTTA TAAANTAAT GCCAAGTGCA GTGAAAAGTT
201 ACAGGATGTT CCATCCACTG GGTGGATT

FIG.4

FOI b7 - 2435000

Appl. No. To be assigned; Group Art Unit: To be assigned
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Dkt. No. 1488.131000A/EKS/EJH;
Inventors: NI *et al.*; Tel: 202/371-2600
Title: Death Domain Containing Receptor 5

8/12

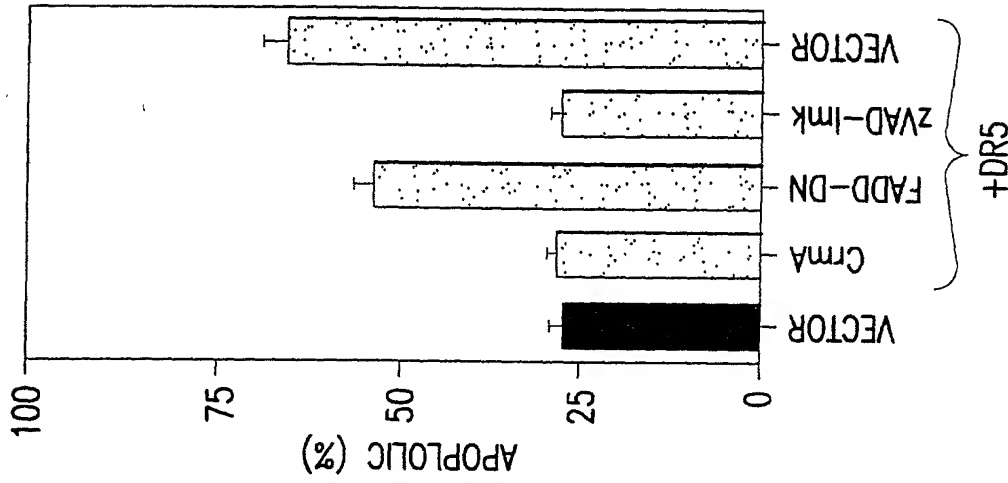


FIG. 5C

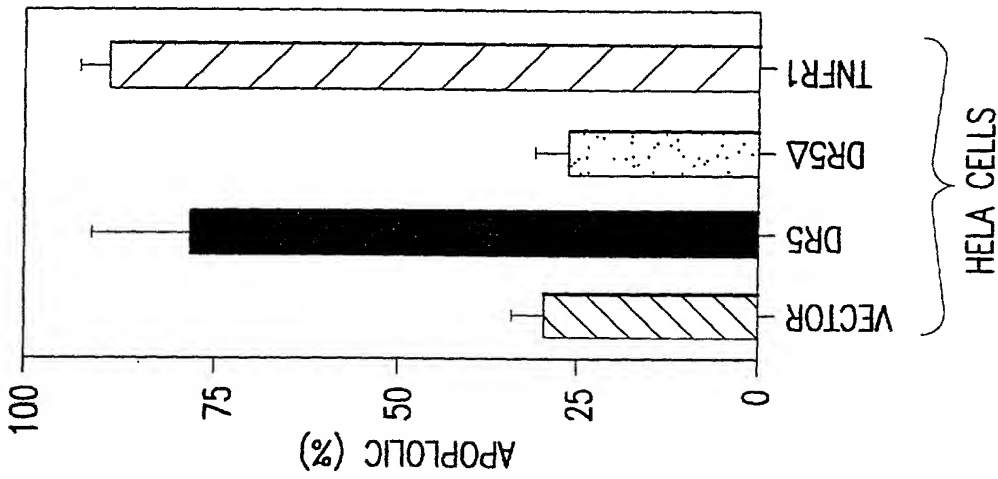


FIG. 5B

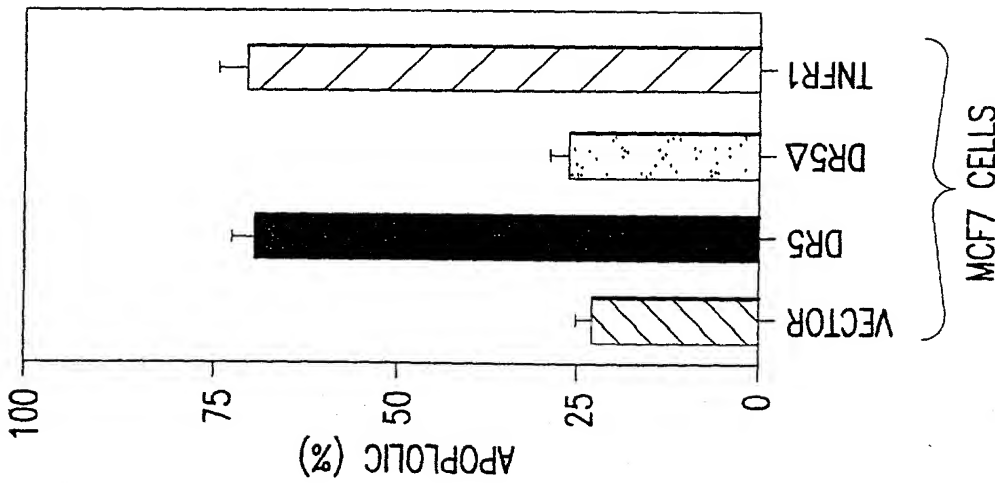


FIG. 5A

TOCCT-245000T

9/12

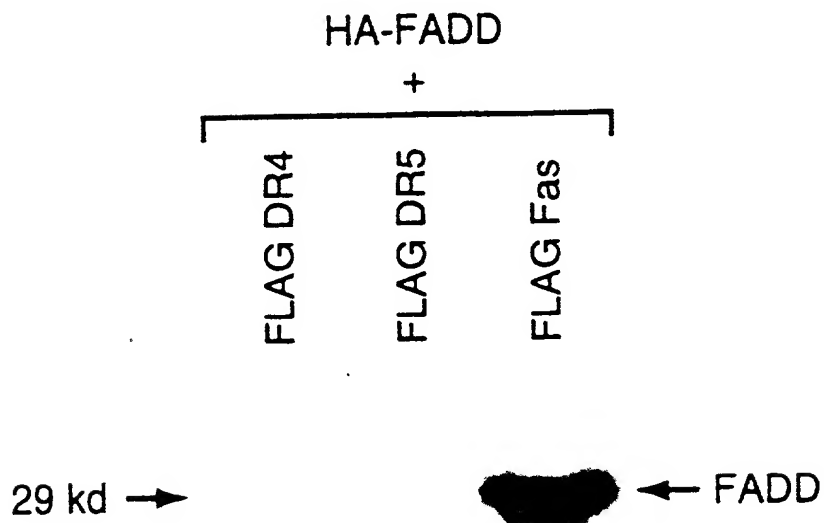
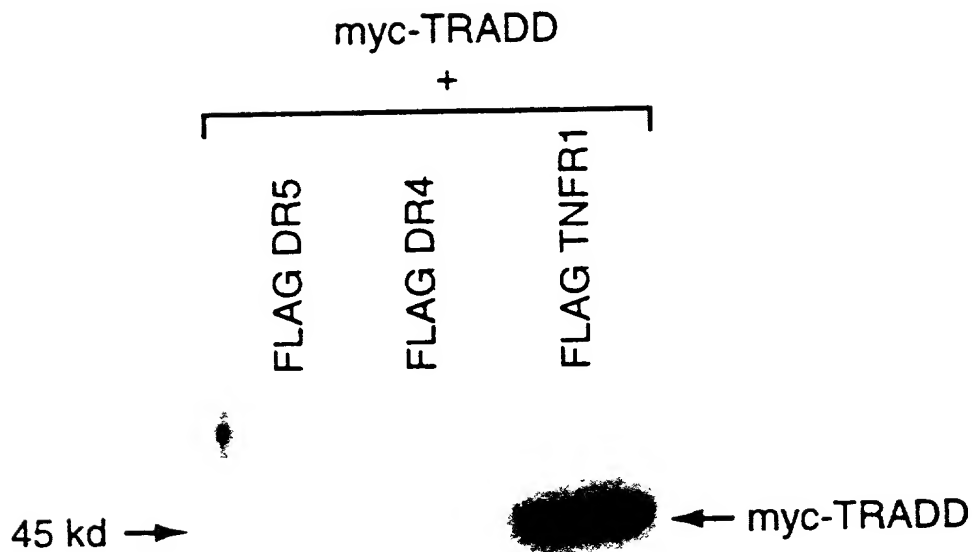


FIG.5D



10/12

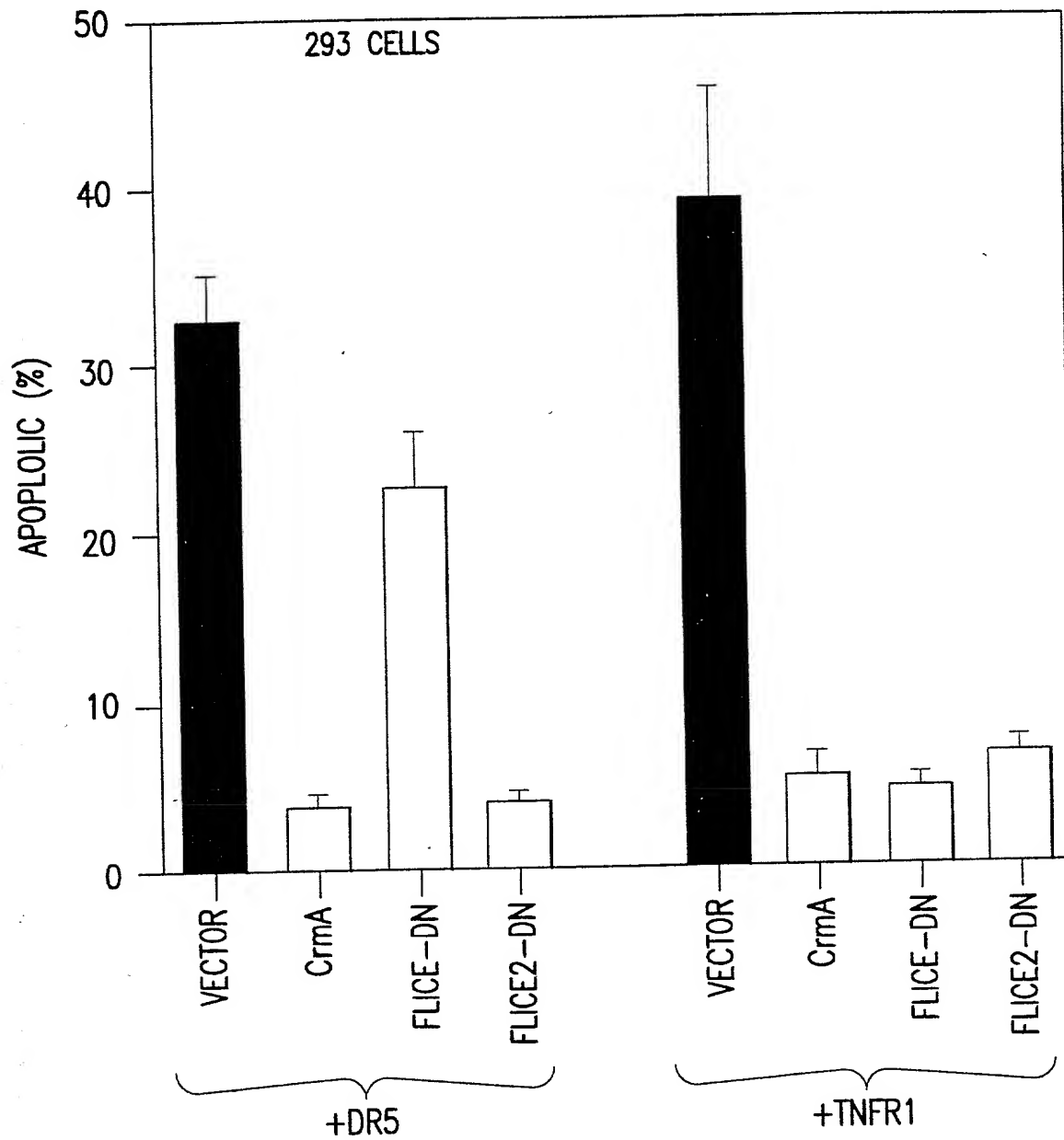


FIG. 5E

Appl. No. To be assigned; Group Art Unit: To be assigned;
(Divisional of Appl. No. 09/042, 583; Filed: March 17, 1998)
Dkt. No. 1488.131000A/EKS/EJH;
Inventors: NI *et al.*; Tel: 202/371-2600
Title: Death Domain Containing Receptor 5

11/12

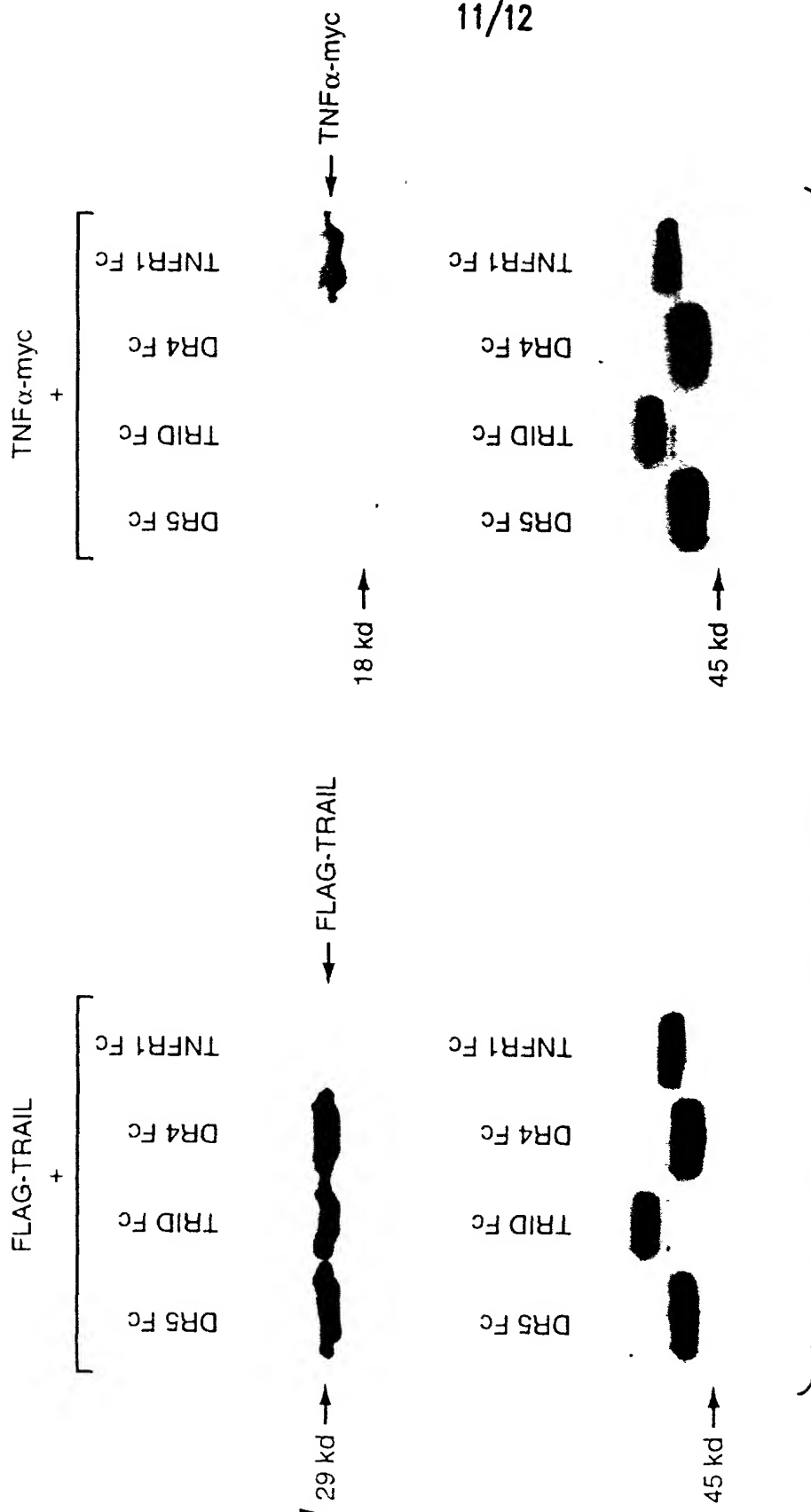


FIG. 6A

12/12

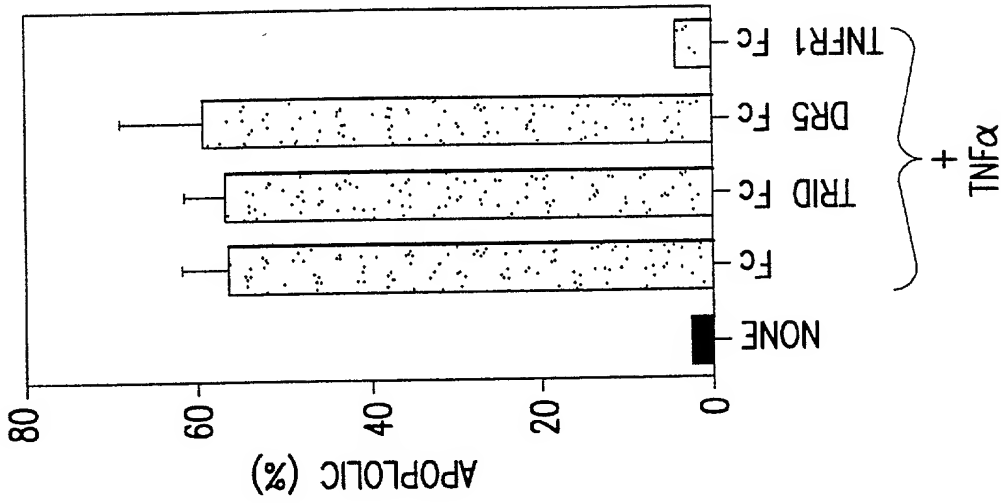


FIG. 6C

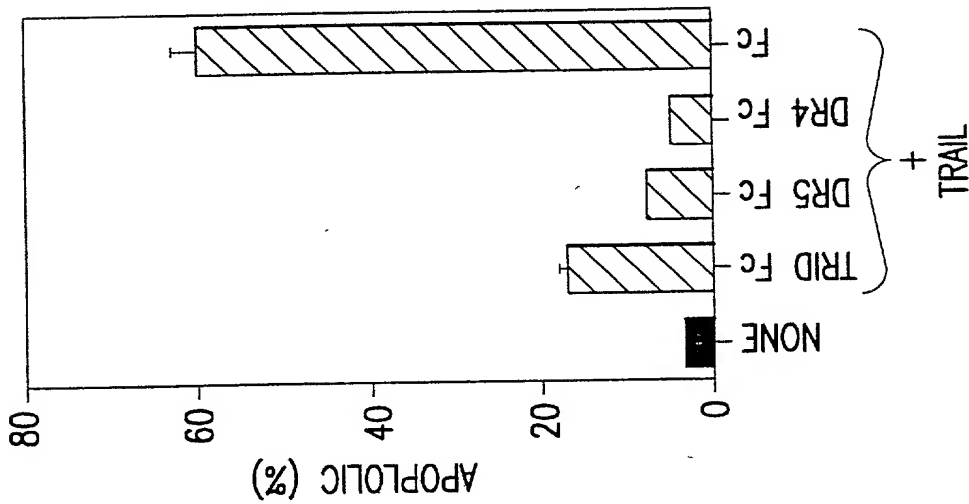


FIG. 6B

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